/	OILE	
1	APR 1 0 2003 4	
H.	APR 1 0 7003	
72	A CO SMARRADA	ι

PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 09/108.673 July 1, 1998 Filing Date First Named Inventor Ching-Leou Teng APR 11 2003 Group Art Unit 1636 **Examiner Name** William O. Sandals

ISIS-3105/ISIC0001-10

(use as many sheets as necessary)

Sheet of

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of T² Cite the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Examiner No. number(s), publisher, city and/or country where published. Initials * Nolen, H.W., et al., "Percutaneous penetration of methyl phosphonate antisense oligonucleotides," Intl. J. Pharm. M BA (1994) 107:169-177 Miller, K., et al., "In vitro transdermal flux and tissue distribution of interleukin 1 beta antisense methyl вв phosphonate oligonucleotide from topical formulations," Pharm. Res. (1993) 10: (Supp 1) S252 Lieb, L.M., et al., "Follicular permeation of oligonucleotides," Proc. Controlled Release Soc. (1995) 22:654-655 an вС

Attorney Docket Number

Examiner Signature	Sun Nemer	Date Considered	14/20/03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01) Approved 1 e through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE action Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

1449A/PTOP INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for

Complete if Known Application Number 09/108,673 Filing Date July 1, 1998 Ching-Leou Teng First Named Inventor Group Art Unit 1636

(use as many sheets as necessary) William O. Sandals Examiner Name

ISIS-3105/ISIC0001-721 Sheet Attorney Docket Number

U.S. PATENT DOCUMENTS						
		Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages Columns Lines Where Relevan	
Examiner Ci	Cite No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
		US-				
		US-				
		US-				
		US-				
-		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

Examiner Cite No.1	Cita	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	T [®]
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	
QV	AA	WO92/21353	12/10/92	Genta, Inc.		
1	AB	WO94/18835	09/01/94	Genta, Inc.		
	AC	WO99/01579	01/14/99	Hardee, et al.		
\neg	AD	WO98/33932	08/06/98	Kwon, et al.		
an	AE	WO98/00110	01/08/98	Hara, et al.		

Examiner Signature	In Pyne	Date Considered	11/20/03	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.